

# Honors College – Mechanical and Aerospace Engineering

## Honors Points

Honors students are required to earn 18 Honors points, plus complete a Capstone Project to receive an Honors Degree.

**Honors Points** – Points are earned through a combination of Courses and Experiences

**Course Points Required: 15** (5 classes)

Students earn course points by enrolling in Honors-designated or cross-listed classes or *contracting existing courses*. Less common ways to earn Honors course points are through Honors transfer hours from other universities, graduate courses, and independent study courses. Students should talk these options over with their Honors advisor.

Students earn 3 course points per class. Points will only be awarded for grades of A or B. Honors eligibility cannot be based on grade alone; courses must include an Honors component.

**Eligible Courses** (course points cannot be earned for the Capstone Project):

- **Core** - Earn up to 12 Points from courses in the Mechanical and Aerospace Engineering Department (MAE prefix), with a minimum of 6 of these points from 3000 or 4000 level courses.
- **Other** - Earn at least 3 Points from any course, in or out of the academic major.

**Experience Points Required: 3** (2 to 6 experiences)

Students may participate in co-curricular experiences to earn Honors Points. Experiences are assigned a point value based on duration and/or rigor. Most unique experiences may be used only one time. Points for Honors College involvement (HCC officer, Advocate, Programming Board, *Veneratio* Newsletter staff) are available to all students, regardless of major. Students must submit their proposed experience points through a verification form.

Eligible Experiences: *See approved COE Experience Points list following.*

## Capstone Project

**MAE Capstone Statement:**

The Honors Capstone Project must be related to the degree being sought. Students may choose one of the following options to satisfy the requirements of the Honors Degree:

### Research

- Traditional Honors thesis involving an on-campus research related to their degree

### Professional

- Independent work that is an extension of the student's Mechanical or Aerospace Senior Design project.

# Approved COE Honors Experience Points

## Designated Experience Points Required: 3

(Eligible Experiences for the College of Engineering as indicated by a ✓)

### Honors Experiences

- ✓ Honors College Council officer [point value 0.5]
- ✓ Honors Advocate [point value 0.5]
- ✓ Honors Programming Board [point value 0.5]
- ✓ *Veneratio* Newsletter staff [point value 0.5]
- ✓ Additional (3) Honors events, above Registration Rewards requirements [point value 0.5]
- ✓ Honors transfer credit from another university/college (3 hours/A or B grade) [point value 1.5]
- ✓ Additional designated, cross-listed or contracted Honors course – can use twice [point value 1.5]

### Leadership Experiences

- ✓ Campus Leadership [point value 0.5 ... Note 1]
- ✓ Student Organization Officer [point value 0.5 ... Note 1]
- ✓ Departmental/College Ambassador [point value 0.5 ... Note 1]
- ✓ Conference Organizer [point value 0.5]

Note 1: Service should be for 1 academic year. Intended service is declared to the Honors College and organization faculty advisor at the beginning of the time period. The point value for this experience is verified by the faculty advisor at the end of the time period.

### Research Experiences (Fall, Spring or Long Summer semester)

- ✓ Undergraduate Research in COE (not for Capstone) [point value 0.5 to 1.5 ... Note 2]
- ✓ Undergraduate Research Fellowship (Honors College) [point value 0.5 to 1.0 ... Note 2]
- ✓ Louis Stokes Alliance for Minority Participation [point value 1.0]
- ✓ McNair Scholars Program [point value 1.0]
- ✓ Off-Campus Research Program [point value 0.5 to 1.0 ... Note 2]

Note 2: Research experiences earn 0.5 point per semester for a maximum of 3 semesters. Intended service is declared to the Honors College and supervising faculty advisor at the beginning of the time period. The service and point value for this experience is verified by the faculty advisor at the end of the time period.

### Cultural Experiences

- ✓ Study abroad (UTA sponsored)
  - 16-week semester [point value 1.0]
  - Summer session [point value 0.5]
- ✓ Service abroad (UTA sponsored)
  - 16-week semester [point value 1.0]
  - Summer session [point value 0.5]

### **Professional Experiences (Fall, Spring or Long Summer semester)**

- ✓ Part time Internships (related to the engineering field) [point value 0.5 to 1.0 ... Note 3]  
16-week semester  
Summer session
- ✓ Full time Internships or Co-ops (related to the engineering field) [point value 1.0 ... Note 3]  
16-week semester  
Summer session
- ✓ Archer Fellows Program [point value 1.0]
- ✓ Presentation at a PROFESSIONAL conference [point value 0.5]
- ✓ Publication in a peer-reviewed journal [point value 0.5 to 1.0.. Note 3]
- ✓ Participation on competition teams (related to engineering field) [point value 0.5 to 1.0 ... Note 3]

Note 3: Professional experiences such as part time internships and competition teams earn 0.5 points per semester for a maximum of 1.0 points. Full time internships and co-ops earn 1 point per semester for a maximum of 1 semester. Publication can earn 1.0 if student is first author. Intended service is declared to the Honors College and faculty advisor at the beginning of the time period. The service and point value for this experience is verified by the supervising faculty advisor at the end of the time period.

### **Instructional Experiences (per semester)**

- ✓ Tutoring through an official UTA department or organization [point value 0.5 .... Note 4]
- ✓ Peer mentor [point value 0.5 .... Note 4]
- ✓ PALS [point value 0.5 .... Note 4]
- ✓ Supplemental Instruction [point value 0.5 .... Note 4]
- ✓ Undergraduate Teaching Assistant [point value 0.5 .... Note 4]

Note 4: Instructional experiences earn 0.5 point per semester for a maximum of 2 semesters. Intended service is declared to the Honors College and faculty advisor at the beginning of the time period. The service and point value for this experience is verified by the supervising faculty advisor at the end of the time period.

### **MISC: Other experiences [Maximum of 0.5 from this set of experiences]**

- ✓ Service Learning Course (non-required or Honors contracted course)
- ✓ AP Score of 5
- ✓ IB Score of 7